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NIPPON OILS & FATS CO LTD

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Cosmetic compsn., used for foundation, eye shadow, lipsticks, etc., - comprises basic substance and additive substance which comprises block copolymer of polysiloxane for strong affinity to skin, water repellency, etc.

A cosmetic compsn. comprises:

- (i) a basic substance; and
- (ii) an additive substance which comprises a block copolymer of polysiloxane.

USE

The cosmetic compsn. is used for foundation, eye shadow, lipsticks, milky lotion, cream, face washing material, etc.

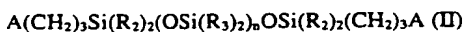
ADVANTAGE

The cosmetic compsn. has strong affinity to the skin, high water repellency and prolonged activity over a long period of time.

PREFERRED COMPONENTS

The block copolymer comprises:

- (i) a polymer having a polysiloxane base which consists of one or more than two monomers of formula:



and one or more than two vinyl monomers; and

- (ii) a polymer without a polysiloxane base which consists of one or more than two vinyl monomers.

A = $CH_2=C(R_1)C(O)O-$

R₁ = H or methyl;

R₂ = methyl, ethyl, phenyl or $-(OSi(R_3)_2)_nOSi(R_4)_3$ (III);

R₃ = H, phenyl or C_6H_{2p-1} ;

R₄ = methyl, ethyl or phenyl;

m = more than 1;

p = 1-10;

R₅ = H, phenyl or C_6H_{2q-1} ;

R₄ = methyl, ethyl or phenyl;

n = more than 1; and

Q = 1-10.

EMBODIMENT

The amt. of polysiloxane base in the polymer is 10-85 (pref. 20-70) wt.%. The mol.wt. of polysiloxane is between 500 and 40,000 (pref. between 1000 and 30,000). The amt. of vinyl monomer in the polymer contg. polysiloxane is 90-15 (more pref. 80-30) wt.%. The ratio of polymer contg. polysiloxane and that without polysiloxane is 25/75-90/10 by wt. The ratio of vinyl monomer in polymer contg. polysiloxane and that in polymer without polysiloxane is 3.75/96.25-81/19 (pref. 75/92.5-72/27) by wt.